

**F. No. IA- J-11011/1108/2007-IA-II(I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)

Indira Paryavaran Bhawan  
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Dated: 18<sup>th</sup> December, 2017

To

**M/s Nalwa Steel and Power Limited.**  
**P.B. No.7, Gharhoda road,**  
**Taraimal, Raigarh - 496001,**  
**Chhattisgarh.**  
**Fax: +91-7752-261489, Email: info@nalwa.com**

**Subject: Expansion of Integrated Steel Plant at village Taraimal, Tehsil Gharghoda, Dist. Raigarh, Chattisgarh by M/s Nalwa Steel & Power Limited – Environmental Clearance under EIA Notification, 2006 regarding.**

Sir,

This has reference to your online application vide proposal no. **IA/CG/IND/23753/2007**, dated 3<sup>rd</sup> June 2014; 13<sup>th</sup> February 2017; 17<sup>th</sup> August 2017 along with copies of EIA/EMP report seeking environmental clearance under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at Sl. No. 3 (a) metallurgical (Ferrous and Non-Ferrous) under Category "A" EIA Notification 2006.

2.0 The Integrated Steel Plant of M/s Nalwa Steel & Power Ltd. is located in Village Taraimal, Tehsil Tamnar, District Raigarh, Chhattisgarh was initially received in the Ministry on 16<sup>th</sup> November 2010 for obtaining Terms of Reference (ToR) as per EIA Notification, 2006 for expansion. The earlier environmental clearance was accorded vide letter no. J-11011/398/2006- IA.II(I) dated 24<sup>th</sup> January 2007 and amended vide letter dated 30<sup>th</sup> September 2010 and 17<sup>th</sup> December 2012. The project was appraised by the Expert Appraisal Committee (Industry) [EAC(I)] during its meeting held on 22<sup>nd</sup> -23<sup>rd</sup> February 2011 and prescribed ToRs to the project for undertaking detailed EIA study for obtaining environmental clearance. Accordingly, the Ministry of Environment and Forests had prescribed ToRs to the project on 13<sup>th</sup> April 2011 with subsequent amendments on 9<sup>th</sup> June 2011 and 18<sup>th</sup> November 2011. Validity of ToR was extended vide letter dated 12<sup>th</sup> November 2013.

3.0 The project of M/s Nalwa Steel & Power Ltd. located in Village Taraimal, Tehsil Tamnar, District Raigarh, Chhattisgarh is for expansion of the existing Steel Plant from 0.16 MTPA to 1.0335 MTPA. The details of existing and proposed expansion are given below:

Sl. No	Name of the Unit	Existing Capacity	Proposed addition	Final Capacity
(a)	(b)	(c)	(d)	(e)
1	Blast Furnace	Nil	318,500 TPA	318,500 TPA

2	Sponge Iron Plant	198,000 TPA (6 X 100 TPD)	726,000 (4 X 500 TPD)	924,000 TPA
3	Sinter Plant	Nil	408,100 TPA (40 sq.m)	408,100 TPA
4	Coke Oven	Nil	200,000 TPA	200,000 TPA
5	Steel Making Shop (EAF)	Nil	624,000 TPA	624,000 TPA
6	Steel Making Shop	160,000 TPA (2x12 tons + 1x30 tons Induction Furnace)	249,500 TPA (2X12T + 2 x 30 tons Induction Furnace)#	409,500 TPA (4 X 12 T + 3 x 30 tons IF)
Total Steel production				1033,500 TPA
7	Rolling Mill	250,000 TPA	200,000 TPA	450,000 TPA
8	Coal Washery*	1,320,000 TPA	Nil	1,320,000 TPA
9	WHRB based CPP	8 MW	60 MW	68 MW
10	AFBC based CPP using coal, rejects and char	16 MW	135 MW CFBC	151 MW
Total Power generation				219 MW
11	Producer Gas Plant	12000 Nm3/hr	12000 Nm3/hr	24000 Nm3/hr
12	Oxygen Plant	100 Nm3/hr	3000 Nm3/hr	3100 Nm3/hr
	Nitrogen	Nil	12000 Nm3/hr	12000 Nm3/hr
	Argon	Nil	70 Nm3/hr	70 Nm3/hr

Note:

# The configuration of proposed IF is now being proposed to be changed from 3X30 T to [2X12T + 2X30T]

\* Although in TOR, washery was part of the proposal but now the proposal has been revised/changed and coal washery is no more proposed in the expansion phase

4.0 The total land required for the expansion project is 122.279 ha, out of which 77.268 ha is an agricultural land, no grazing land, 1.711 ha is Government Land. No forestland is involved. The entire land has not been acquired for the project. 38.605 ha has been purchased. 40.374 ha has been administratively processed and possession awaited while 43.30 ha is under process of acquisition. No river passes through the project area. It has been reported that natural water body exist around the project and modification/ diversion in the existing natural drainage pattern at any stage has not been proposed.

5.0. The topography of the area is flat and reported to lie between 22°00'35" to 22°02'10" N Latitude and 83° 22' 18" to 83° 23' 22" E Longitude in Survey of India topo sheet No. 64 N/8, at an elevation of 260 m AMSL. The ground water table at adjacent Taraimal village reported to ranges between 3.60 below the land surface during the post-monsoon season and 4.9 below the land surface during the pre-monsoon season. No ground water will be extracted for industrial use. Further, the stage of groundwater development is reported to be 12.84% in study area and thereby this is designated as safe area.

6.0. No wildlife sanctuary is located within distance of 10 km from the site. No national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. are reported in the core and buffer zone of the project. The area also does not report to form corridor for Schedule-I fauna.



7.0. The process of manufacturing will be steel through the DRI as well as blast furnace route. There will be installation of Blast furnace (318,500 TPA), expansion of sponge iron plant (from 198,000 to 924,000 TPA), sinter plant (408,100 TPA), coke oven plant (200,000 TPA), SMS through EAF (624,000 TPA), SMS through IF-LF (160,000 to 409,500 TPA) rolling mill (250,000 to 450,000 TPA), WHRB based CPP (8 to 68 MW), CFBC based CPP (16 to 151 TPA), producer gas (12,000 to 24,000 Nm<sup>3</sup>/hr) Oxygen plant (100 to 3100 Nm<sup>3</sup>/hr), nitrogen plant (12,000 Nm<sup>3</sup>/hr) and argon plant (70 Nm<sup>3</sup>/hr). The sponge iron will increase from 6X100 TPD by addition of 4X500 TPD kilns while IF will increase from 2X12T+1X30T by addition of 2X12 T+2X30T furnaces (proposed revised configuration).

8.0 The major raw materials to be used for expansion phase will be 1.49 million TPA iron ore, 1.37 million TPA coal & CPC, 0.14 million TPA limestone/ dolomite and 5000 TPA ferro alloys. Of the various solid wastes generated in the plant, 100% recycling/ reusing will be done for sponge iron plant dust, char, sinter plant dust, blast furnace slag, blast furnace sludge & flue dust, SMS slag & flue dust, rolling mill rejects & mill scales and coke oven dust. Ash will be generated from producer gas plant and captive power plant which will be disposed as per Fly Ash Notification.

9.0. The targeted production capacity of the crude steel from SMS is 1.033 million TPA. The iron ore for the plant would be procured from mines located in Odisha. Limestone, quartzite, dolomite and manganese ore will be purchased from mines located in Chhattisgarh and Madhya Pradesh. The ore transportation will be done through rail followed by road.

10.0. The make-up water requirement for the expansion project is estimated to be 18901 m<sup>3</sup>/day, all of which is fresh water and will be obtained from Mirouni Barrage across river Mahanadi.

11.0 The power requirement for the expansion project is estimated to be around 112 MW, all of which will be available from the captive power plant comprising of WHRB (68 MW) and CFBC (151 MW). Excess power will be sold.

12.0 Ambient air quality monitoring has been carried out at 8 locations during December 2015 and earlier during March-June 2011 and the data submitted indicated: PM<sub>10</sub> (34.5 µg/m<sup>3</sup> to 74.4 µg/m<sup>3</sup>), PM<sub>2.5</sub> (23.9 to 44.7 µg/m<sup>3</sup>), SO<sub>2</sub> (BDL to 16.6 µg/m<sup>3</sup>) and NO<sub>x</sub> (9.8 to 30.0 µg/m<sup>3</sup>). The results of the modelling study indicate that the maximum increase of GLC for the proposed project is 12.85 µg/m<sup>3</sup> with respect to the PM<sub>10</sub>, 26.25 µg/m<sup>3</sup> with respect to the SO<sub>2</sub> and 5.58 µg/m<sup>3</sup> with respect to the NO<sub>2</sub>.

13.0 It has been reported that there are no people in the core zone of the project. R&R plan as per Model R&R policy of Chhattisgarh had been prepared and majority of the land acquired after paying due compensation. Land losers will be given preference in employment.

14.0 It has been reported that a total of 1.392 million tonnes of waste will be generated due to the expansion phase of the project, out of which 1.372 million tonnes will be reused used in sinter plant, power generation, cement plant, metal recovery, road making, SMS, brick / block / aggregate making or sold to consumers and 19602 TPA will be dumped in the earmarked dump yard. It has been envisaged that green



belt/ afforestation will be developed in about 33% of the expansion area to attenuate the noise levels and trap the dust generated due to the project development activities.

15.0 The Public hearing of the project was held on 7<sup>th</sup> March 2014 for the proposed expansion. The main issues raised during public hearing are pertaining to increase in road accidents due to movement of trucks; employment; compensation; CSR; control of air and water pollution; water supply; cancellation of public hearing; stray elephants; ground water utilization; discharge into Kelo river and impact on fish yield; shortage of drinking water; Gram Sabha not conducted; impact of dust on crop yield/ trees/ gauchar; de-allocation of coal linkage; infrastructural development to be taken up in villages and in colony; dust pollution; and impact on agriculture & forest.

16.0 The capital cost of the project is Rs. 3500 Crores and the capital cost for environmental protection measures is proposed as Rs. 125 crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 15 crores per annum. Additional manpower required for the project is about 750 directly and about 2000 for contractual jobs indirectly.

17.0 The proponent has mentioned that there is one court case to the project or related activity.

18.0 The Regional Office, MoEF&CC, Bhopal has inspected the site and submitted monitoring report vide letter no. 5-4/2007(ENV)/135 dated 21.07.2014 consequent to the Terms of Reference issued on 13.04.2011.

19.0 It was reported that one litigation is pending at High Court of Chhattisgarh, Bilaspur against the project. Gita Devi Agrawal and others. Respondents, State of Chhattisgarh and others. Writ Petition No. 1700 of 2013. It is submitted by the petitioner that the Land Acquisition Officer, Gharghoda has initiated land acquisition proceedings for acquisition of Khasra Nos. 51 and 52 owned by the petitioners and registered a case bearing case no. 03-A-82/2012-2013 in which a declaration under section 6 of the Land Acquisition Act 1894 has been published in the newspaper on 18-10-2013. The litigation is in regard to acquisition vide Article 300A of the Constitution of India as well as various provisions of Land Acquisition Act 1894, the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013 and the provisions of the Panchayats (Extension of the Scheduled Areas) Act 1996.

20.0 The proposal was considered in the Expert Appraisal Committee (Industry-I) [EAC(I)] in its 29<sup>th</sup> meeting 11<sup>th</sup> and 12<sup>th</sup> December 2014; 17<sup>th</sup> EAC meeting held during 6<sup>th</sup> -7<sup>th</sup> April 2017; 19<sup>th</sup> meeting held during 8<sup>th</sup> - 9<sup>th</sup> June 2017; 20<sup>th</sup> meeting held during 10<sup>th</sup> -11<sup>th</sup> July 2017; and 23<sup>rd</sup> meeting held during 9<sup>th</sup> -10<sup>th</sup> October 2017. The sub-committee visited the site during 19<sup>th</sup> to 20<sup>th</sup> June 2017.

21.0 EIA/EMP was prepared by EIA consultant M/s Min Mec Consultancy Private Ltd.,

22.0 The project proponent has submitted revised layout and reply to the recommendations made by sub-committee vide their letter no. NSPL/EMD/2017/136 dated 17<sup>th</sup> August 2017 which inter alia include the revised layout plan considering the proximity of the plant to Taraimal village habitation with massive plantation in the plant area adjoining the habitation; withdrawal of proposed ash pond as envisaged in

the earlier proposal; planning of non-polluting facilities such as water reservoir near the Tarimal Village; plantation in 70 Ha i.e. 33% of the plant area; withdrawal of proposed coal based power plant and ash pond; stoppage of operation of existing coal based power plant soon after the commencement of proposed 60 MW WHRB Power Plant; operation of coal washery only intermittently whenever required; possibility of alternate mode of transport; time bound action plan for fulfilment of non-compliances reported on the earlier EC conditions; details of corporate environmental policy; and mechanism to bring the infringements / deviations to the Board of Directors; etc.

23.0 The details of Enterprise Social Commitment submitted by project proponent are give below:

Sl. No.	Action plan	Budget (Rs. Lakhs)					
		Year 1	Year 2	Year 3	Year 4	Year 5	Total
1	Installation of road safety awareness hoardings in villages along the road (villages Taraimal, Lakha and within Raigarh and on road to Kirorimal Railway Siding)	3	2	0	0	0	5
2	Installation of hoardings in consultation with forest department to create awareness about elephant sighting and any known elephant crossings, if any	2	0	0	0	0	2
3	Supply of Clean Drinking Water (construction of over head tank, bore well, hand pump, pipe supply system including to schools) in Villages in 2 km radius Taraimal, Ujalpur, Gerwani, Shivpuri, Punjipatra, Barbahali, Bhansgarhi&Ratrot.	2	3	4	5	6	20
4	Agriculture & Fodder centre establishment with infrastructure to provide scientific support and awareness to local farmers to increase yield of crop & fodder and undertake additional activities for income supplementation (such as mushroom farming) at village Taraimal	0	5	0	0	0	5
5	Construction of Health Centre duly equipped with requisite equipment, appointment of Doctor, Pharmacist at village Taraimal	0	0	15	0	0	15
6	Schools- repair/ renovation, provision of toilets and computer centres within radius of 2 km from plant (Villages Taraimal, Ujalpur, Gerwani, Shivpuri, Punjipatra, Barbahali, Bhansgarhi&Ratrot)	2	2	2	4	6	16
7	Construction of Village Roads / Culverts	2	3	4	5	6	20



Sl. No.	Action plan	Budget (Rs. Lakhs)					
		Year 1	Year 2	Year 3	Year 4	Year 5	Total
	in Villages Taraimal, Ujalpur, Gerwani, Shivpuri, Punjipatra, Barbahali, Bhansgarhi & Ratrot						
8	Rain water harvesting pits in villages Taraimal, Ujalpur, Gerwani, Shivpuri, Punjipatra, Barbahali, Bhansgarhi&Ratrot	1	1	1	1	1	5
	<b>TOTAL</b>	<b>13</b>	<b>18</b>	<b>29</b>	<b>19</b>	<b>24</b>	<b>88</b>

24.0 After detailed deliberations, the committee recommended for environmental clearance subject to following specific conditions in addition to the any other conditions by the Ministry while according Environmental Clearance.

- i. The proposed expansion shall be carried as per the revised layout submitted to the Ministry vide NSPL's Letter No. NSPL/EMD/2017/136 dated 17<sup>th</sup> August 2017.
- ii. The area proposed in the east of Taraimal village shall not be used for establishment of any plant facilities except for the plantation with native tree species as proposed in the revised layout plan.
- iii. The present environmental clearance is exclusive of the proposed 135 MW CFBC based Thermal Power Plant as committed by project proponent.
- iv. The Project Proponent shall stop the operations of the existing 16 MW AFBC based thermal Power Plant before commencement of expansion of steel plant from 0.25 MTPA to 0.50 MTPA as agreed by the PP for control of Air Pollution.
- v. In view of the traffic congestion on the road connecting from Raigarh to Nalwa Steel Plant, the expansion shall be carried out subject to the widening of the road / extension of the railway line as per the following conditions:

Phase	Expansion w.r.t. steel production	Subject to	Remarks
1	From 0.16 MTPA to 0.25 MTPA	Existing road width	By using the billets produced in the plant premises
2	From 0.25 MTPA to 0.50 MTPA	Widening of the road connecting from Raigarh to Nalwa from 2-line to 4-line	Production shall be commenced only after completion of widening of road
3	From 0.50 MTPA to 1.03 MTPA	Extension of the railway line/siding near the plant premises	Production shall be commenced only after completion of commencement of railway siding

- vi. No fly ash shall be dumped in the premises. The PP shall submit action plan for 100% utilization of fly ash, dolochar and slag within 3 months from the date of issue of EC to the Ministry.
- vii. All the raw materials shall be stored in covered sheds with a provision to prevent any inflow of runoff into the stock yard.
- viii. The proposed plantation adjacent to the Tariamal Village (east,i.e., the area bounded within the plant boundary and the coordinates mentioned in the following table) and the proposed strengthening of the plantation in the existing premises in shall be completed within one year from the date of issue of EC and remaining proposed plantation *inter alia* include boundary plantation shall be completed in concurrence with the expansion operation of 0.50 MTPA.

Coordinate ID	Latitude	Longitude
A	22°01'36.71"N	83°22'46.67"E
B	22°01'48.17"N	83°22'46.38"E
C	22°01'47.99"N	83°22'40.62"E
D	22°01'56.77"N	83°22'37.66"E
E	22°01'56.66"N	83°22'33.38"E
F	22°02'06.59"N	83°22'33.10"E
G	22°02'07.15"N	83°22'50.33"E
H	22°02'02.27"N	83°22'51.98"E
I	22°01'57.49"N	83°23'07.44"E
J	22°01'52.37"N	83°23'07.54"E
K	22°01'51.83"N	83°23'0.12"E
L	22°01'49.98"N	83°22'58.72"E
M	22°01'45.36"N	83°22'58.93"E
N	22°01'45.23"N	83°22'53.00"E

- ix. Filer bag house shall be designed for 150% of the air flow rate. The filter bag shall be PTFE dipped PPS type
- x. The PP shall adhere to the corporate environmental policy and system of the reporting of any infringements/ non-compliance of EC conditions at least once in a year to the Board of Directors and the copy of the board resolution shall be submitted to the MoEFCC as a part of six-monthly report.
- xi. The make-up water requirement for the expansion project (18901 m<sup>3</sup>/day) shall be obtained from Mirouni Barrage across river Mahanadi only. No ground water shall be extracted.
- xii. The proposed fund under Enterprise Social Commitment (ESC) shall be utilized as capital expenditure in project mode. The project shall be completed in concurrence with the implementation of the expansion and estimated on the basis of Scheduled Rates.
- xiii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants shall be implemented.



- xiv. The project proponent shall provide for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- xv. Wastewater from the coke oven plant shall not be used for quenching.
- xvi. Emergency Response Plan (ERP) based on Hazard Identification and Risk Assessment (HIRA) shall be prepared and submitted with 3 months form the date of issue of Environmental Clearance and same shall be implemented strictly.
- xvii. Mechanical Vacuum Cleaners shall be deployed for cleaning of internal roads for prevention of fugitive dust. Dust extraction and suppression system shall be provided at all the transfer points, raw material handling plant and sponge iron plant. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.
- xviii. The project proponent shall provide Air Pollution Control Devices (APCD) at stacks connected to DRI Plant, EAF, CPP, Coal Washery, WHRB, DRI Klin De-dusting, Sinter Plant, Blast Furnace, Coke Oven Plant, Structural/Rolling Mill and installed with continuous stack monitoring (24x7) devices to monitor air emissions.
- xix. The PP shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- xx. The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- xxi. All DRI Kilns shall have Waste Heat Recovery Boiler and shall meet the emission standards as notified under Environment (P) Act, 1986.
- xxii. The project proponent shall take water conservation measures. Rain water harvesting system shall be adopted and practice for ground water recharge followed based on hydro-geological conditions at the site.
- xxiii. All the char generated shall be further utilised for power generation. Blast furnace (BF) slag granulation system shall be provided for further utilization. BF Flue dust and gas cleaning plant sludge shall be re-cycled / re-used. The dust collected from the APCD in the raw material handling section shall be reused / recycled
- xxiv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.



**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Chhatisgarh Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Nagpur and the SPCB/CPCB once in six months.
- iv. The Project Proponent shall conform to:
  - a. The emission standards specified vide S.O. 3305 (E) dated 7<sup>th</sup> December 2015 for the Thermal Power Plant.
  - b. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled as per vide G.S.R. 414(E) dated 30<sup>th</sup> May 2008.
  - c. The Standards issued by the Ministry vide G.S.R. 277(E) dated 31<sup>st</sup> March, 2012.
  - d. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November 2009.
  - e. Proper handling, storage, utilization and disposal of all the hazardous and other waste shall be carried as per the provisions of Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
  - f. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendments from time to time. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding.
  - g. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during day time and 70 dB(A) during night time.
  - h. The ETP for coke oven effluents should be designed to meet notified standards prescribed in E(P)A, 1986 especially for the cyanide and phenol.
- v. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vi. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report

- vii. An amount of Rs. 125.0 crores towards Capital cost and Rs 15.0 crores per annum for recurring cost for environment pollution control measures shall be earmarked. The funds so provided shall not be diverted for any other purpose.
- viii. The project proponent shall:
- send a copy of clearance letter to the heads of Local Bodies, Panchayat, Municipal bodies and relevant offices of the Government;
  - put on the clearance letter on the web site of the company for access to the public.
  - inform the public through advertisement within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at <http://envfor.nic.in>.
  - upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same periodically;
  - monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company;
  - submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB;
  - submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company;
  - inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.

25.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

26.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

27.0 The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent

28.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other



Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

29.0 This Environmental Clearance supersedes the earlier Environmental Clearances granted vide letter J-11011/398/2006-IA.II(I) dated 24<sup>th</sup> January 2007 and amended vide letter dated 30<sup>th</sup> September 2010 and 17<sup>th</sup> December 2012.

30.0 Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

This issues with the approval of Competent Authority.

*Sharath Kumar Pallerla*  
18/12/17

(Sharath Kumar Pallerla)  
Scientist 'F' / Director

**Copy to:-**

- 1). **The Secretary**, Department of Environment, Government of Chhattisgarh.
- 2). **The Additional Principal Chief Conservator of Forests(C)**, Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur – 440001 - ***with a request to monitor closely with respect to actual implementation of environmental safeguards.***
- 3). **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
- 4). **The Chairman**, Chhattisgarh Environment Conservation Board, Nanak Niwas, Civil Lines, Raipur, Chhattisgarh
- 5). **The Member Secretary**, Chhattisgarh State Pollution Control Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur, Chhattisgarh.
- 6). **The Chief Wildlife Warden**, Govt. of Chattisgarh, Aranya Bhavan, Jail Road, Fafadih Chowk, Raipur – 492001.
- 7). **The Member Secretary**, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- 8). **The District Collector, Raigarh** District, Chhattisgarh
- 9). **Guard File / Record file / Monitoring file.**
- 10). **MOEF&CC Website.**

*Sharath Kumar Pallerla*  
18/12/17

(Sharath Kumar Pallerla)  
Scientist 'F'/Director